



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>G01N 33/53, 33/543, 33/546</b>	<b>A1</b>	(11) International Publication Number: <b>WO 98/11436</b> (43) International Publication Date: 19 March 1998 (19.03.98)
<p>(21) International Application Number: PCT/US97/16424</p> <p>(22) International Filing Date: 15 September 1997 (15.09.97)</p> <p>(30) Priority Data: 08/714,792 13 September 1996 (13.09.96) US</p> <p>(60) Parent Application or Grant (63) Related by Continuation US 08/714,792 (CIP) Filed on 13 September 1996 (13.09.96)</p> <p>(71) Applicants (for all designated States except US): WHITE-HEAD INSTITUTE FOR BIOMEDICAL RESEARCH [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US). THE NETHERLANDS CANCER INSTITUTE [NL/NL]; Plesmanlaan 21, NL-1066 CX Amsterdam (NL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): KIM, Peter, S. [US/US]; 48 Baskin Road, Lexington, MA (US). SCHUMACHER, Antonius, N., M. [NL/NL]; Kenaupark 22, NL-2011 MT Haarlem (NL).</p>	<p>(74) Agents: GRANAHAAN, Patricia et al.; Hamilton, Brook, Smith &amp; Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).</p> <p>(81) Designated States: CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p><b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>	

(54) Title: NON-SPECIFIC AFFINITY ENHANCEMENT TO IDENTIFY COMBINATORIAL LIBRARY MEMBERS

## (57) Abstract

Non-specific affinity enhancement as a method of identifying and detecting members, such as ligands and catalysts, in a collection or library of potential ligands or catalysts, which improves the detection limits of such collections or libraries.

